

MAR 31 2008

Federal Communications Commission  
Office of the Secretary

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554

In the Matter of ) CC Docket No. 88-2  
Filing and Review of Open ) Phase I  
Network Architecture Plans )

SIX-MONTH REPORT OF QWEST CORPORATION

I. INTRODUCTION

On December 19, 1991, the Federal Communications Commission ("Commission") released a Memorandum Opinion and Order in the above-captioned proceeding,<sup>1</sup> wherein it established certain ongoing reporting requirements in order "to enable the Commission to monitor the BOCs' [Bell Operating Companies] progress in providing ONA [Open Network Architecture] capabilities to ESPs [Enhanced Service Providers]."<sup>2</sup> In compliance with that Order,<sup>3</sup> Qwest Corporation ("Qwest") files the following with the Commission:

1. A Nationwide Tariff Matrix (Attachment 1).
2. BOC ONA Special Report #5 Update (which contains updates of the Cross Reference Guide, Appendices A & B) (Attachment 2).
3. Hard copy portions of the ONA Services User Guide (Attachments 3 and 4).<sup>4</sup>

<sup>1</sup> In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order, 6 FCC Rcd. 7646 (1991) ("Monitoring Order" or "Order").

<sup>2</sup> Id. at 7675 ¶ 64.

<sup>3</sup> See id. at 7663 ¶ 35 n.56, 7664 ¶ 38 n.63. See also id. at 7677-79, Appendix B, summarizing the filing requirements.

<sup>4</sup> Attachment 3 is the "Service Descriptions Section" of the ONA Services User Guide; Attachment 4 is the "Tariff Reference Section" of the same document.

4. Diskettes of the ONA Services User Guide.<sup>5</sup>

The above-referenced items 1-3 are being filed only with the Commission. The information contained in these submissions is available to interested persons by contacting Qwest InterConnect Services at 402-422-7689.

## II. FILINGS REQUIRED BY SUMMARY ORDERING PARAGRAPH

At the conclusion of the Commission's Order, it provided a summary of future filing requirements for the BOCs.<sup>6</sup> Qwest has chosen herein to utilize the Commission's basic "summary" as the outline by which we will make our responses. This methodology was chosen for the Commission's ease of reference in assessing Qwest's compliance.

### Requirement:

1. "Work through the IILC [Information Industry Liaison Committee] to develop one consolidated nationwide matrix of BOC ONA services and state and federal ONA tariffs, and file the matrix with the Commission."<sup>7</sup>

### Response:

Qwest worked through the former IILC and with the other BOCs to develop a combined nationwide tariff reference matrix.<sup>8</sup> This document is included herewith as Attachment 1.

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<sup>5</sup> These diskettes are being provided directly to the Policy Division of the Commission and include the following material from the ONA Services User Guide: Special Report No. 5 (one diskette) Service Descriptions Section (one diskette), Tariff Reference Section (one diskette), and Wire Center Deployment (two diskettes).

<sup>6</sup> In response to the Commission's Further Notice of Proposed Rulemaking seeking comments on the elimination of some or all ONA reporting requirements, Qwest proposed that the semi-annual reports and the Annual Report be consolidated into a new Annual ONA Report. The new Annual ONA Report would encompass all of the existing requirements of the semi-annual reports and streamlined information contained in its current ONA Annual Report. In the Matter of Computer III Further Remand Proceedings: Bell Operating Company Provision of Enhanced Services, 1998 Biennial Regulatory Review -- Review of Computer III and ONA Safeguards and Requirements, CC Docket Nos. 95-20 and 98-10, Further Notice of Proposed Rulemaking, FCC 98-8, rel. Jan. 30, 1998 ¶¶ 101-2.

<sup>7</sup> Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

<sup>8</sup> The nationwide matrix was assembled by Pamela Lackner Mitchell Engineering & Consulting at the request of the BOCs.

The nationwide matrix includes the generic name of the ONA service, which operating company offers the service in a particular jurisdiction, and whether the service is a Basic Service Element (“BSE”), Basic Serving Arrangement (“BSA”), or Complementary Network Service (“CNS”). The matrix also provides the name of the ONA service, as it is identified in a particular state or federal tariff, and a specific tariff reference.

Each BOC has reviewed the matrix to ensure the accuracy of the information contained therein pertaining to itself. The matrix identifies Qwest’s tariffs effective as of July 31, 2007, the effective date of the Tariff Reference Section of the ONA Services User Guide.<sup>9</sup>

Requirement:

2. “File computer diskettes and print outs of data regarding state and federal tariffs.”<sup>10</sup>

Response:

This information -- in printout form -- is contained in the Tariff Reference Section of the ONA Services User Guide, which is included herein as Attachment 4. The information as contained on computer diskettes is being provided to the Policy Division of the Commission (see Response to Requirement 3, below).

Requirement:

3. “File a printed copy and computer diskette of the ONA Services User Guide.”<sup>11</sup>

Response:

A printed copy of the July 31, 2007, ONA Services User Guide accompanies this filing as Attachment 3 (the “Services Description Section”) and Attachment 4 (the “Tariff Reference

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<sup>9</sup> See note 4, *supra*. The Tariff Reference Section of the ONA Services User Guide is discussed more fully below and is provided as Attachment 4.

<sup>10</sup> Monitoring Order, 6 FCC Rcd. at 7678, Appendix B.

<sup>11</sup> *Id.*

Section”).<sup>12</sup> The ONA Services User Guide as it appears on diskette (which includes wire center deployment information) is being provided to the Policy Division of the Commission coincident with this filing, as requested, and is not herein included as an attachment.

Requirement:

4. “File updated information contained in Appendix A of the January 31, 1991 Cross Reference Guide on ESP requests received and how they were addressed by the BOCs with details and matrices.”<sup>13</sup>

Requirement:

5. “File updated information contained in Appendix B of the January 31, 1991 Cross Reference Guide on BOC responses to the requests and matrix.”<sup>14</sup>

Response:

Appendices A & B of the Cross Reference Guide, updated as of September 30, 2007, are identified as BOC ONA Special Report #5. A copy of this Special Report is provided as Attachment 2.

Requirement:

6. “File updated information contained in Appendix C of the January 31, 1991 Cross Reference Guide on services offered by the BOC in response to the requests.”<sup>15</sup>

Response:

This updated information is contained in the ONA Services User Guide, “Service Descriptions Section,” attached herein as Attachment 3.

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<sup>12</sup> See note 6, *supra*. The Tariff Reference Section of the ONA Services User Guide provides the information required by the Commission’s Monitoring Order. See Monitoring Order, 6 FCC Rcd. at 7664 n.63.

<sup>13</sup> *Id.* at 7678, Appendix B.

<sup>14</sup> *Id.*

<sup>15</sup> *Id.* at 7679, Appendix B.

III. CONCLUSION

As set forth herein, Qwest makes the appropriate filings as required by the Commission's Monitoring Order.

DATED: March 31, 2008

## **ATTACHMENT 1**







Updated 3/31/2008



## ABBREVIATIONS

| <b>Generic Name of Service<br/>Abbreviated Name</b> | <b>Generic Name of Service<br/>Full Name</b>  |
|---|---|
| 555 Access Service                                  | 555 Access Service  |
| ADSL Service  | ADSL Service  |
| AIN Alternate Routing                               | Advanced Intelligent Network Alternate Routing  |
| AIN Term Data Co/Cus Rt                             | AIN Terminating Data Collection/Customized Routing  |
| ATM Cell Relay Service                              | ATM Cell Relay Service  |
| Acc To Clr Ch Transmissn                            | Access To Clear Channel Transmission  |
| Access To OSS Info                                  | Access To Operations Support Systems Information  |
| Access to Cust Prem Annc                            | Access To Customer Premises Announcement  |
| Access to Ord'r Entry Sys                           | Access To Order Entry System  |
| Alternate Routing                                   | Alternate Routing   |
| Answer Supv'n Line Side                             | Answer Supervision With A Line Side Interface   |
| Asyn Tran Mode (ATM) Svc                            | Asynchronous Transfer Mode (ATM) Service  |
| Auto Disaster Rec. DID                              | Automatic Disaster Recovery of DID  |
| Automatic Callback                                  | Automatic Callback  |
| Automatic Protect Swtchg                            | Automatic Protection Switching  |
| Automatic Recall                                    | Automatic Recall  |
| Bridging  | Bridging  |
| Bridging - Line                                     | Bridging - Line   |
| C1 TypA - Ckt Sw Line                               | Category 1, Type A - Circuit Switched Line BSA  |
| C1 TypB - Ckt Sw Trunk                              | Category 1, Type B - Circuit Switched Trunk BSA   |
| C2 TypA - X.25 Pkt Sw                               | Category 2, Type A - X.25 Packet Switched BSA   |
| C2 TypB - X.75 Pkt Sw                               | Category 2, Type B - X.75 Packet Switched BSA   |
| C3 TypA - Ded Metallic                              | Category 3, Type A - Dedicated Metallic BSA   |
| C3 TypB - Ded Telegraph                             | Category 3, Type B - Dedicated Telegraph BSA  |
| C3 TypC - Ded Voice Grd                             | Category 3, Type C - Dedicated Voice Grade BSA  |
| C3 TypD - Ded Prgm Audio                            | Category 3, Type D - Dedicated Program Audio BSA  |
| C3 TypE - Ded Video                                 | Category 3, Type E - Dedicated Video BSA  |
| C3 TypF - Ded < 64kbps                              | Category 3, Type F - Dedicated Digital (<64kbps)BSA                                       |
| C3 TypG - Ded 1.544Mbps                             | Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA                     |
| C3 TypH - Ded >1.544Mbps                            | Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA                    |
| C3 TypI - Ded Alrt Trnsp                            | Category 3, Type I - Dedicated Alert Transport BSA  |
| C3 TypJ - Ded Derived Ch                            | Category 3, Type J - Dedicated Derived Channel BSA  |
| C3 TypK - Ded 64 kbps                               | Category 3, Type K - Dedicated Digital (64 kbps) BSA                                      |
| C4 - Ded Ntwk Accss Link                            | Category 4 - Dedicated Network Access Link BSA  |
| CF Mult Sim Call Intersw                            | Call Forwarding - Multiple Simultaneous Calls Interswitch                                 |
| CF Var Act w/o Crtsy Cal                            | Call Forwarding - Variable - Activation Without Courtesy Call                             |
| CF Var Remote Act/Cntrol                            | Call Forwarding - Variable-Remote Activation/Control                                      |
| CF Variable   | Call Forwarding - Variable  |
| CF With Variable Rings                              | Call Forwarding With Variable Rings   |
| CFBL Interswitch                                    | Call Forwarding - Busy Line Interswitch   |
| CFBL Intrswitch                                     | Call Forwarding - Busy Line Intrswitch  |
| CFBL/DA Cust Act/Deact                              | Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation |
| CFBL/DA Cust Chg Fwd No.                            | Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number       |
| CFDA After CW                                       | Call Forwarding Don't Answer After Call Waiting   |
| CFDA Interswitch                                    | Call Forwarding - Don't Answer Interswitch  |
| CFDA Intrswitch                                     | Call Forwarding - Don't Answer Intrswitch   |
| CFDA To DID Intrswitch                              | Call Forwarding Don't Answer To DID Intrswitch  |
| Call Denial - Line/Hunt                             | Call Denial On Line Or Hunt Group   |

## ABBREVIATIONS

| <b>Generic Name of Service<br/>Abbreviated Name</b> | <b>Generic Name of Service<br/>Full Name</b>                                    |
|---|---|
| Call Det Rcdg-NXX Screen                            | Call Detail Recording Reports - via NXX Screening                               |
| Call Det Recd'g Rpts Pkt                            | Call Detail Recording Reports (Packet)  |
| Call Detail Recrd'g Rpts                            | Call Detail Recording Reports   |
| CEMSS   | Call Event and Management Signaling Service                                     |
| CEMSS Subscriber                                    | Call Event and Management Signaling Service Subscriber                          |
| Call Forwarding Originating                         | Call Forwarding Originating   |
| Call Queuing (NextConnects)                         | Call Queuing (NextConnects)   |
| Remote CF On DID Lines                              | Remote Call Forwarding On DID Lines   |
| Call Redirect Acceptance                            | Call Redirection Acceptance   |
| Call Redirection Packet                             | Call Redirection - Packet   |
| Call Transfer On DID                                | Call Transfer On DID  |
| Call Waiting  | Call Waiting  |
| Call Waiting Cancel                                 | Call Waiting - Cancel   |
| Calling Name Delivery                               | Calling Name Delivery   |
| Calling Name ID                                     | Calling Name Identification   |
| CLID DN Deliv via 900NXX                            | Called Directory Number Delivery via 900NXX                                     |
| CLID DN Deliv via DID                               | Called Directory Number Delivery via DID  |
| CLIG Bllg Num Deliv FG B                            | Calling Billing Number Delivery - FG B Protocol                                 |
| CLIG Bllg Num Deliv FG D                            | Calling Billing Number Delivery - FG D Protocol                                 |
| CLIG DN Deliv via BCLID                             | Calling Directory Number Delivery - via BCLID                                   |
| CLIG DN Deliv via ICLID                             | Calling Directory Number Delivery - via ICLID                                   |
| Closed User Groups Pkt                              | Closed User Groups - Packet   |
| Coin Ph-Post Dial DTMF                              | Coin Phone With Post Dialing Tone Capability                                    |
| Computr Assist Call Xfer                            | Computer Assisted Call Transfer Acceptance                                      |
| Computr Assist Dialing                              | Computer Assisted Dialing Acceptance  |
| Conditioning  | Conditioning  |
| Coord Voice and Data                                | Coordinated Voice and Data Acceptance   |
| Cust Originated Trace                               | Customer Originated Trace   |
| Cut Off On Disconnect                               | Cut Off On Disconnect   |
| Cxr Select On Rvrs Chrg                             | Carrier Selection On Reverse Charge   |
| DID Load Across WC                                  | DID Load Across Wire Centers  |
| DID Trunk Queuing                                   | DID Trunk Queuing   |
| DNAL Alarm Service                                  | Ameritech - DNAL - Type F - Alarm Service                                       |
| DNAL Amtch Reconfig Svcs                            | Ameritech - DNAL - Type E - Ameritech Reconfiguration Service                   |
| DNAL Amtch Sw-Cmputr Apl                            | Ameritech - DNAL - Type G - Ameritech Switch to Computer Applications (ASCAI)   |
| DNAL Ckt Sw Fac Cntrl                               | Ameritech - DNAL - Type B - Circuit Switch Facility Control                     |
| DNAL SMDI   | Ameritech - DNAL - Type C - Simplified Message Desk Interface (SMDI)            |
| DNAL SMDI-E   | Ameritech - DNAL - Type D - Simplified Message Desk Interface-Expanded (SMDI-E) |
| DNAL STP Access                                     | Ameritech - DNAL - Type A - Signal Transfer Point Access (STP)                  |
| DS0-B Subrate Multiplx                              | DS0-B Subrate Multiplexing Service  |
| Data Over Voice (DOV)                               | Data Over Voice (DOV) Service   |
| Default Window Size-Pkt                             | Default Window Size - Packet  |
| Derived Ch (Monitoring)                             | Derived Channels (Monitoring)   |
| Dial Call Waiting                                   | Dial Call Waiting   |
| Dialed Num ID/INWATS-DID                            | Dialed Number Identification via INWATS to DID                                  |
| Dir Call Pickup w/Barge                             | Directed Call Pickup With Barge-In  |
| Dir Call Pickup w/oBarge                            | Directed Call Pickup Without Barge-In   |

## ABBREVIATIONS

| <b>Generic Name of Service<br/>Abbreviated Name</b> | <b>Generic Name of Service<br/>Full Name</b>                                 |
|---|--|
| Direct Call Packet                                  | Direct Call - Packet   |
| Direct Current (MT3)                                | Direct Current (MT3)   |
| Dist Ring Term Screen                               | Distinctive Ringing - Terminating Screening                                  |
| Distinctive Alert                                   | Distinctive Alert  |
| Distinctive Ringing                                 | Distinctive Ringing  |
| Easy Access   | Easy Access  |
| Ethernet Port Over SONET                            | Ethernet Ports Over SONET  |
| Extended Superframe Cond                            | Extended Superframe Conditioning   |
| Fast Select Accept Pkt                              | Fast Select Acceptance - Packet  |
| Fast Select Request Pkt                             | Fast Select Request - Packet   |
| Faster Signaling On DID                             | Faster Signaling On DID  |
| Flexible ANI  | Flexible ANI Information Digits  |
| Flow Contr Param Neg-Pkt                            | Flow Control Parameter Negotiation - Packet                                  |
| Frame Relay Service                                 | Frame Relay Service  |
| High Cap Dig Handoff Svc                            | High Capacity Digital Hand-Off Service                                       |
| Hot Line  | Hot Line   |
| Hunt Groups Packet                                  | Hunt Groups - Packet   |
| Inband Signaling                                    | Inband Signaling   |
| Incoming CIs Barred-Pkt                             | Incoming Calls Barred - Packet   |
| Initial Address Message                             | Initial Address Message  |
| Logical Chan Layout-Pkt                             | Logical Channel Layout - Packet  |
| Logical Channels-Pkt                                | Logical Channels - Packet  |
| MLHG Access to Each Port                            | Multiline Hunt Group - Individual Access To Each Port In Hunt Group          |
| MLHG CO Announcements                               | Multiline Hunt Group - C.O. Announcements                                    |
| MLHG Overflow                                       | Multiline Hunt Group - Overflow  |
| MLHG UCD Line Hunting                               | Multiline Hunt Group - Uniform Call Distribution Line Hunting                |
| MLHG UCD With Queuing                               | Multiline Hunt Group - UCD With Queuing                                      |
| MWI - Packet Access                                 | Message Waiting Indicator - Packet Access                                    |
| MWI ATR Audible Msg Wtg                             | Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting |
| MWI ATR Visual Msg Wtg                              | Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting  |
| MWI Act (Audible) Expand                            | Message Waiting Indicator Activation(Audible) - Expanded                     |
| MWI Act (Visual) Expand                             | Message Waiting Indicator Activation(Visual) - Expanded                      |
| MWI Activation (Audible)                            | Message Waiting Indicator - Activation (Audible)                             |
| MWI Activation (Visual)                             | Message Waiting Indicator - Activation (Visual)                              |
| MWI Audible/Visual                                  | Message Waiting Indicator - Audible/Visual                                   |
| Make Busy Key                                       | Make Busy Key  |
| McCulloh Loop (LS2)                                 | McCulloh Loop (LS2)  |
| Menu Acs Trans - Gateway                            | Menu Access Translator - Gateway   |
| Message Desk (SMDI)                                 | Message Desk (SMDI)  |
| Modem Aggregation Svc                               | Modem Aggregation Service  |
| Monthly Call Detail Rec                             | Monthly Call Detail Recording  |
| Mplx-T1-1.544Mbps-Line                              | Multiplexing - T1 Transport - 1.544 Mbps-Line Side                           |
| Mplx-T1-1.544Mbps-Trunk                             | Multiplexing - T1 Transport - 1.544 Mbps-Trunk Side                          |
| Mssg Desk Expand (SMDIE)                            | Message Desk (SMDI) - Expanded   |
| Mult Ntwk Addr/Port-Pkt                             | Multiple Network Address/Port - Packet                                       |
| Multiline Hunt Group                                | Multiline Hunt Group   |
| Multiplexing-Digital                                | Multiplexing - Digital   |

## ABBREVIATIONS

| Generic Name of Service<br>Abbreviated Name | Generic Name of Service<br>Full Name                   |
|---|--|
| Name of Calling Party                       | Delivery of Calling Party Name                         |
| Network Reconfiguration                     | Network Reconfiguration                                |
| Number Forwarding                           | Number Forwarding                                      |
| Order Entry Service                         | Order Entry Service                                    |
| Op Svcs – Auto Call Dist                    | Operator Services - Automatic Call Distribution        |
| Outgoing Cls Barred-Pkt                     | Outgoing Calls Barred - Packet                         |
| Perm Virtual Ckt-Pkt                        | Permanent Virtual Circuit - Packet                     |
| Premier Mssg Svc Interfc                    | Premier Messaging Services Interface                   |
| Preselect for Data Svcs                     | Preselection for Data Services                         |
| Privacy +                                   | Privacy + (Plus)                                       |
| Priority Service Install                    | Priority Installation Service                          |
| Redirecting Name Deliv                      | Redirecting Name Delivery                              |
| Redirecting Num Deliv                       | Redirecting Number Delivery                            |
| Remote Access Service                       | Remote Access Service                                  |
| Remote Call Forwarding                      | Remote Call Forwarding                                 |
| Rev Bllg On Ckt Acc                         | Reverse Billing On Circuit Switched Access             |
| Rev Chg Req Optn-Pkt                        | Reverse Charge Request Option (Packet)                 |
| Reverse Chg Accept Pkt                      | Reverse Change Acceptance - Packet                     |
| Route Diversity                             | Route Diversity  |
| Secondary Ch Capability                     | Secondary Channel Capability                           |
| Security Screen                             | Security Screen  |
| Selective Call Forward'g                    | Selective Call Forwarding                              |
| Selective Call Rejection                    | Selective Call Rejection                               |
| Selective Call Waiting                      | Selective Call Waiting                                 |
| Shared Speed Calling                        | Shared Speed Calling                                   |
| Single Num Acc-Mult Lochn                   | Single Number Access for Multiple Locations            |
| Speed Calling                               | Speed Calling  |
| SS7MWI                                      | Signaling System 7 Message Waiting Interface           |
| Statistical Multiplexer                     | Statistical Multiplexer                                |
| Surrogate Client Number                     | Surrogate Client Number                                |
| Svc Code Denial Ln/Hunt                     | Service Code Denial On Line Or Hunt Group              |
| Switched 56 Kilobit Svc                     | Switched 56 Kilobit Service                            |
| Tandem Routing                              | Tandem Routing   |
| Third Numb Bill Inhibitd                    | Third Number Billing Inhibited                         |
| Three Way Call Transfer                     | Three Way Call Transfer                                |
| Three Way Calling                           | Three Way Calling                                      |
| Traffic Data Reports                        | Traffic Data Reports                                   |
| Trans Imprv-Ckt Sw Svcs                     | Transmission Improvement for Circuit Switched Services |
| Trunk Side Access Facil                     | Trunk Side Access Facility                             |
| Unif 7D Acc Num Overlay                     | Uniform 7 Digit Access Number via Overlay Networking   |
| Unif 7D Acc Num RCF                         | Uniform 7 Digit Access Number - Remote Call Forwarding |
| User Initd Diagnostics                      | User Initiated Diagnostics                             |
| Ver Intgrty Subscr Lines                    | Verify Integrity of Subscriber Lines                   |
| Video DT Messaging Port                     | Video Dialtone Messaging Port                          |
| Video Dialtone Access Lk                    | Video Dialtone Access Link                             |
| Video Dialtone Bdcst Svc                    | Video Dialtone Broadcast Service                       |
| Video Dialtone Narrowcas                    | Video Dialtone Narrowcast Service                      |
| Versanet                                    | Versanet   |
| Warm Line                                   | Warm Line  |
| Wireless Extension                          | Wireless Extension                                     |

3/31/08

## **ATTACHMENT 2**

BELL OPERATING COMPANIES

## **ONA Special Report #5 Update**

### **Appendix A & Appendix B**

MARCH 31, 2008



|  |          |
|--|----------|
| <b>1. APPENDIX A: RELATIONSHIP BETWEEN ESP REQUESTS FOR NETWORK CAPABILITIES AND ONA SERVICES.....</b> | <b>4</b> |
| 1. CALL FORWARDING BUSY LINE/DON'T ANSWER.....   | 5        |
| 2. ACTIVATION OF CALL FORWARDING VARIABLE WITHOUT CALL COMPLETION.....                                 | 5        |
| 3. CALL FORWARD DON'T ANSWER INTEROFFICE .....   | 5        |
| 4. MULTIPLE CALLS FORWARDED TO DID INTEROFFICE .....   | 5        |
| 5. CALL FORWARDING WITH STATUS INFORMATION TO ANSWERING BUREAU .....                                   | 5        |
| 6. ACTIVATION OF CALL FORWARDING VARIABLE WITH CALL COMPLETION.....                                    | 5        |
| 7. CALL FORWARDING WITH CALL SCREENING. ....   | 5        |
| 8. CALL FORWARDING WITH CALL WAITING.....  | 5        |
| 9. CALL FORWARDING WITH CALLED AND CALLING NUMBER .....  | 6        |
| 10. CALL FORWARD DON'T ANSWER WITH VARIABLE RING COUNTS.....   | 6        |
| 11. CUSTOMER CONTROL OF CFBL/CFDA .....  | 6        |
| 12. MONITOR & BARGE IN.....  | 6        |
| 13. SMDI .....   | 6        |
| 14. SMDI WITH AUTOMATIC RINGBACK.....  | 6        |
| 15. 3-WAY CALL TRANSFER.....   | 6        |
| 16. SPEED CALLING .....  | 6        |
| 17. REMOTE ACTIVATION OF CUSTOM CALLING SERVICES.....  | 7        |
| 18. ESP NOTIFICATION OF ESP'S CLIENT OR BOC CONTROL ACTION.....  | 7        |
| 19. CALL DISTRIBUTION FUNCTIONS INCLUDING QUEUE .....  | 7        |
| 20. DERIVED LOCAL CHANNELS .....   | 7        |
| 21. SCREENING .....  | 7        |
| 22. CALLING DIRECTORY NUMBER DELIVERY.....   | 7        |
| 23. DELIVERY OF DIALED NUMBER .....  | 7        |
| 24. UNIFORM ABBREVIATED DIALING .....  | 8        |
| 25. MULTILINE HUNT GROUPS.....   | 8        |
| 26. UNLIMITED SIZE HUNT GROUPS.....  | 8        |
| 27. INDIVIDUAL ACCESS TO EACH PORT IN A HUNT GROUP .....   | 8        |
| 28. CLASS FEATURES INTEROFFICE.....  | 8        |
| 29. SUPPRESSED RINGING .....   | 8        |
| 30. TRUNK SIDE ACCESS .....  | 8        |
| 31. TRUNK SIDE CONNECTION WITH POWER RINGING .....   | 9        |
| 32. ACCESS TO EXTENDED SUPERFRAME DATA CHANNEL .....   | 9        |
| 33. TRUNK GROUP MAKE BUSY .....  | 9        |
| 34. MESSAGE WAITING INDICATION .....   | 9        |
| 35. ANSWER SUPERVISION (CONNECT/DISCONNECT INDICATIONS) - LINE SIDE .....                              | 9        |
| 36. NIGHT TRANSFER.....  | 9        |
| 37. FASTER SIGNALING ON DID .....  | 9        |
| 38. POST DIALING DTMF SIGNALING FROM PAYSTATIONS.....  | 9        |
| 39. SELECTED NUMBER REVERSE BILLING RATE PERIOD SPECIFIC.....  | 10       |
| 40. SINGLE NUMBER ACCESS FOR MULTIPLE LOCATIONS .....  | 10       |
| 41. ABILITY TO NOTIFY OR INTERRUPT A CUSTOMER .....  | 10       |
| 42. ABILITY TO RETURN HELD CALL TO CUSTOMER.....   | 10       |
| 43. INTERCONNECTION FOR SPECIALIZED TERMINAL EQUIPMENT.....  | 10       |
| 44. PROVISION FOR SHARING AN ESP CLIENT AMONG ESPs .....   | 10       |
| 45. CUSTOM SERVICE AREAS .....   | 10       |
| 46. STATISTICAL MULTIPLEXER AT CENTRAL OFFICE .....  | 11       |
| 47. X.25 INTERFACE TO PACKET SWITCH.....   | 11       |
| 48. X.75 INTERFACE TO PACKET SWITCH.....   | 11       |
| 49. ACCESS TO DATA SERVICES .....  | 11       |
| 50. B-CHANNEL SWITCHED AND DEDICATED ACCESS .....  | 11       |
| 51. D-CHANNEL DATA DELIVERED ON B-CHANNEL .....  | 11       |
| 52. MULTIPLE D-CHANNELS ON B-CHANNEL .....   | 11       |

|   |    |
|---|----|
| 53. ESP ACCESS TO D-CHANNEL SIGNALING.....                                    | 11 |
| 54. FEATURE NODE SERVICE INTERFACE (FN/SI) .....                              | 11 |
| 55. SERVICE CONTROL POINT (SCP) DATABASES.....                                | 11 |
| 56. TERM SETS AND INBAND SIGNALING ON ANALOG CHANNELS .....                   | 11 |
| 57. ACCESS TO FUTURE INTELLIGENT FUNCTIONS OF ISDN .....                      | 12 |
| 58. COMPATIBILITY TO EXISTING TERMINALS.....                                  | 12 |
| 59. MAPPING ANI TO USER ID (X.75).....  | 12 |
| 60. CALLS ACCEPTED WITH BOC'S DNIC OR ESP'S DNIC.....                         | 12 |
| 61. EQUAL ACCESS TO EXCHANGE NETWORK SWITCHING AND TRANSMISSION .....         | 12 |
| 62. PEAK TRAFFIC HANDLING WITHIN EXCHANGE NETWORK.....                        | 12 |
| 63. ESP DEFINED DYNAMIC ROUTING.....  | 12 |
| 64. COMMON CHANNEL SIGNALING ACCESS .....                                     | 12 |
| 65. DYNAMIC ALLOCATION OF TRANSMISSION CAPACITY .....                         | 12 |
| 66. PROVISION OF BOC NETWORK STATUS INFORMATION. ....                         | 12 |
| 67. REAL TIME ACCESS TO EXCHANGE NETWORK TESTING FACILITIES.....              | 13 |
| 68. DERIVED CHANNELS THAT COMPLY WITH UL AND NFPA .....                       | 13 |
| 69. ONE WAY ALARM TRANSMISSION.....   | 13 |
| 70. DERIVED CHANNELS COMPATIBLE WITH ISDN .....                               | 13 |
| 71. DIGITAL PRIVATE LINES (DDS) .....   | 13 |
| 72. DIAGNOSTIC CHANNEL ON DS0 AND SUBRATE LINES.....                          | 13 |
| 73. ERROR DETECTION / ERROR CORRECTION.....                                   | 13 |
| 74. ABILITY TO DETECT BREAKS IN TELCO LINE WITHIN 60 SECONDS.....             | 13 |
| 75. BROADBAND LINK(S) FOR VIDEO TRANSMISSION.....                             | 14 |
| 76. ABILITY TO RECONFIGURE NETWORKS.....                                      | 14 |
| 77. ROUTE DIVERSITY .....   | 14 |
| 78. AUTOMATIC PROTECTION SWITCHING .....                                      | 14 |
| 79. PRIVATE LINE CONDITIONING .....   | 14 |
| 80. MULTIPLE MONITORS PER LOOP .....  | 14 |
| 81. CLEAR ACCESS TO DATA PORTION OF DERIVED CHANNELS .....                    | 14 |
| 82. DISTINCTIVE RINGING.....  | 14 |
| 83. 4-WIRE INTERCONNECTION/SWITCHING .....                                    | 15 |
| 84. ACCESS TO CLEAR CHANNEL TRANSMISSION .....                                | 15 |
| 85. USER INITIATED DIAGNOSTICS.....   | 15 |
| 86. PASS THROUGH DIAGNOSTICS TO USER .....                                    | 15 |
| 87. INBAND SIGNALING.....   | 15 |
| 88. BRIDGING.....   | 15 |
| 89. MONTHLY DETAILED RECORDING .....  | 15 |
| 90. AUTOMATIC DISABLEMENT OF CALL WAITING TONE DURING DIAL-UP DATA CALL ..... | 15 |
| 91. ENABLE / DISABLE NETWORK DTMF SIGNALING.....                              | 15 |
| 92. PASSIVE IN-BAND DTMF TONE TRANSMISSION.....                               | 16 |
| 93. EXTEND DTMF TONE SET.....   | 16 |
| 94. TONE TO DIGITAL TRANSLATION .....   | 16 |
| 95. MULTIPLE CALL FORWARDING .....  | 16 |
| 96. VIRTUAL DIAL TONE.....  | 16 |
| 97. REMOTE ACCESS TO USER PROGRAMMABLE FUNCTIONS (PACKET).....                | 16 |
| 98. REMOTE SPEED CALL MENU BUILDER (PACKET) .....                             | 16 |
| 99. SPEED CALL MENU BUILDER (PACKET).....                                     | 16 |
| 100. REMOTE SPEED CALL MENU ACCESS TRANSLATOR (PACKET).....                   | 16 |
| 101. CARRIER SELECTION ON REVERSE CHARGE .....                                | 16 |
| 102. NETWORK CONTROL BY CUSTOMER FROM CUSTOMER PREMISES .....                 | 16 |
| 103. REAL TIME TRAFFIC USAGE DATA.....  | 17 |
| 104. CENTRAL OFFICE ANNOUNCEMENTS .....                                       | 17 |
| 105. NAME & ADDRESS OF THE CALLING PARTY.....                                 | 17 |
| 106. SUPPRESSION OF AUDIBLE CLICK ON CALL FORWARDING (INTEROFFICE).....       | 17 |
| 107. BILLING NUMBER DELIVERY .....  | 17 |

|  |           |
|--|-----------|
| 108. PRIVACY (CLASSES OF NON-PUBLISHED SERVICE).....                     | 17        |
| 109. DELIVERY OF TRAVELING CLASS MARK .....                              | 17        |
| 110. USER ID ASSOCIATED WITH CALLING NUMBER AND/OR SERVICE ID CODE ..... | 17        |
| 111. WARM LINE.....  | 17        |
| 112. CLOSED USER GROUP (PACKET).....                                     | 18        |
| 113. FAST SELECT (PACKET) .....  | 18        |
| 114. HUNT GROUP (PACKET).....  | 18        |
| 115. CALL REDIRECTION (PACKET) .....                                     | 18        |
| 116. DIRECT CALL (PACKET).....   | 18        |
| 117. PROGRAMMED DEFAULT CALL FORWARDING.....                             | 18        |
| 118. RESTRICTION OF OUTGOING CALLS (PACKET) .....                        | 18        |
| <b>APPENDIX B: INDIVIDUAL REGIONAL COMPANY RESPONSES TO THE 118 ESP</b>  |           |
| <b>REQUESTS.....</b>   | <b>19</b> |

## **1. Appendix A: Relationship Between ESP Requests for Network Capabilities and ONA Services**

The FCC, in its December 22, 1989 Memorandum, Opinion and Order, recognized the 118 requests for network capabilities included in BOC Special Report Number 1 as the nationally received requests. Not all of these requests are for particular services. For example, some are for attributes that a service should contain; some are for a service to operate in a particular manner. As a result, some ONA services offered meet a number of network capability requests, while some requests are met by a number of ONA services. There is not a one-for-one relationship between network capability requests and ONA services. In addition, some ONA services may be offered by some regional companies as both a BSE and a CNS, depending on the line that the service is applied to.

The following appendix shows the relationship between each of the requested network capabilities, other requested network capabilities and ONA services. The ONA services listed use the Uniform Names developed by the regional companies and contributed to the IILC Issue 006 ONA Services User Guide Task Group.

Following this Appendix A is a summary table (Appendix B) arranged to be similar to Appendix E of the FCC's December 22, 1988 Memorandum Opinion and Order.

Please note – recently, various BOCs have completed, or are in the process of completing, corporate mergers. For Appendix A and Appendix B of BOC ONA Special Report #5, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech are listed separately, rather than being combined under the AT&T name).

### **1. Call Forwarding Busy Line/Don't Answer**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Busy Line Intraswitch
- Call Forwarding - Busy Line Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding - Don't Answer Interswitch

### **2. Activation Of Call Forwarding Variable Without Call Completion**

This is a request for an attribute of service. It is being met by some regional companies by offering the following ONA service:

- Call Forwarding - Variable - Activation Without Courtesy Call

### **3. Call Forward Don't Answer Interoffice**

This request relates to request number 1. It is being met by offering the following ONA service:

- Call Forwarding - Don't Answer Interswitch

### **4. Multiple Calls Forwarded To DID Interoffice**

This is a request for a particular application of a service. It is being met by some regional companies by offering the following service:

- Call Forwarding - Multiple Simultaneous Calls Interswitch

### **5. Call Forwarding With Status Information To Answering Bureau**

This request is for a particular application of a service. It is being met by some regional companies by offering the following service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

### **6. Activation of Call Forwarding Variable With Call Completion**

This request is for a service. It is being met by offering the following service:

- Call Forwarding - Variable

### **7. Call Forwarding With Call Screening.**

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Selective Call Forwarding

### **8. Call Forwarding With Call Waiting**

This is a request for two services to interact in a particular manner. It is met by some regional companies by offering the following ONA service:

- Call Forwarding Don't Answer After Call Waiting (CFDA After CW)

### **9. Call Forwarding With Called and Calling Number**

This is a request for a particular application of a service. It is related to request number 5. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

### **10. Call Forward Don't Answer With Variable Ring Counts**

This is a request for a service to operate in a particular manner. It is related to request number 1. It is being met by offering the following ONA services:

- Call Forwarding - Don't Answer Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding With Variable Rings

### **11. Customer Control of CFBL/CFDA**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation
- Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number

### **12. Monitor & Barge In**

This is a request for a service that requires development.

### **13. SMDI**

This is a request for a particular interface. It is related to requests number 5 and 9. It is being met by some regional companies by offering the following ONA service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

### **14. SMDI With Automatic Ringback**

This is a request for a service to operate in a particular manner. Based on the findings in IILC Issue #030 (Message Waiting Indication: Ringback After Busy Transfer), it is being met by some regional companies by offering the following combination of services:

- Distinctive Ringing - Terminating Screening (client needs to have a second telephone number)
- Call Forwarding - Variable (or Call Forwarding Busy Line/Don't Answer)

### **15. 3-Way Call Transfer**

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Three Way Call Transfer

### **16. Speed Calling**

This is a request for a service. It is being met by offering the following ONA service:

- Speed Calling

### **17. Remote Activation of Custom Calling Services**

This is a general request for a number of services to operate in a particular manner. A specific application of this operation relates to request number 11. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Variable - Remote Activation/Control

### **18. ESP Notification Of ESP's Client Or BOC Control Action**

This is a request for a service to operate in a particular manner. This operation requires development.

### **19. Call Distribution Functions Including Queue**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - C. O. Announcements
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing
- DID Trunk Queuing

### **20. Derived Local Channels**

This is a request for service to be delivered using a particular technology. It is being met by some regional companies by offering the following ONA services:

- Data Over Voice (DOV) Service
- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type J - Dedicated Derived Channel BSA

### **21. Screening**

This is a general request for a network capability. Specific applications of this capability relate to request number 7. It is being met by some regional companies by offering the following ONA services:

- Selective Call Forwarding
- Selective Call Rejection

### **22. Calling Directory Number Delivery**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Calling Directory Number Delivery - via ICLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

### **23. Delivery of Dialed Number**

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Called Directory Number Delivery via 900NXX

**24. Uniform Abbreviated Dialing**

This is a request for a service. It is being met or partially met by some regional companies by offering the following service:

- Shared Speed Calling

**25. Multiline Hunt Groups**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Individual Access To Each Port In Hunt Group
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

**26. Unlimited Size Hunt Groups**

This is a request for an attribute of a service. It is related to request number 25. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Overflow
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

**27. Individual Access To Each Port In A Hunt Group**

This is a request for service. It is related to request numbers 25 and 26. It is being met by offering the following ONA service:

- Multiline Hunt Group - Individual Access To Each Port In Hunt Group

**28. CLASS Features Interoffice**

This is a general request for a group of services to operate in a particular manner. It is being met by some regional companies by offering the following ONA services:

- Automatic Callback
- Automatic Recall
- Customer Originated Trace
- Distinctive Ringing
- Selective Call Forwarding
- Selective Call Rejection
- Calling Directory Number Delivery - via ICLID
- Calling Directory Number Delivery - via BCLID

**29. Suppressed Ringing**

This is a request for a service. This service requires development.

**30. Trunk Side Access**

This is a request for a service. It is being met by offering the following ONA service:

- Category 1, Type B - Circuit Switched Trunk BSA

It is also being met by some regional companies by offering the following service:

- Trunk Side Access BSA



**31. Trunk Side Connection With Power Ringing**

This is a request for a service. This service requires development.

**32. Access to Extended Superframe Data Channel**

This is a request for a particular application of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Extended Superframe Conditioning

**33. Trunk Group Make Busy**

This is a request for a service. It is being met by offering the following ONA service:

- Make Busy Key

**34. Message Waiting Indication**

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator - Activation (Audible)
- Message Waiting Indicator - Activation (Audible) - Expanded
- Message Waiting Indicator - Activation (Visual)
- Message Waiting Indicator - Activation (Visual) - Expanded
- Message Waiting Indicator - Packet Access
- Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting

**35. Answer Supervision (Connect/Disconnect Indications) - Line Side**

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Answer Supervision With A Line Side Interface
- Cut Off On Disconnect

**36. Night Transfer**

This is a request for a particular application of a service. It is related to request number 33. It is being met by offering the following ONA service:

- Make Busy Key

**37. Faster Signaling On DID**

This is a request for a particular type of signaling on a service. It is related to request number 23. It is being met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Category 1, Type B - Circuit Switched Trunk BSA
- Faster Signaling On DID

**38. Post Dialing DTMF Signaling From Paystations**

This is a request for a service to operate in a particular manner. Existing coin lines operate in the manner requested. It is being met by some regional companies by offering the following service:

- Coin Phone With Post Dialing Tone Capability